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Anti-RPL3 Antibody

Catalog # AP51712

Product Information

Application	WB, IHC
Primary Accession	P39023
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46109

Additional Information

Gene ID	6122
Other Names	60S ribosomal protein L3; HIV-1 TAR RNA-binding protein B; TARBP-B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RPL3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

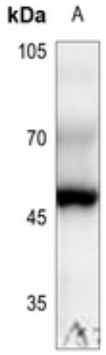
Protein Information

Name	RPL3
Function	Component of the large ribosomal subunit (PubMed: 12962325, PubMed:23636399, PubMed:32669547, PubMed:35674491). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:12962325, PubMed:23636399, PubMed:32669547).
Cellular Location	Nucleus, nucleolus. Cytoplasm

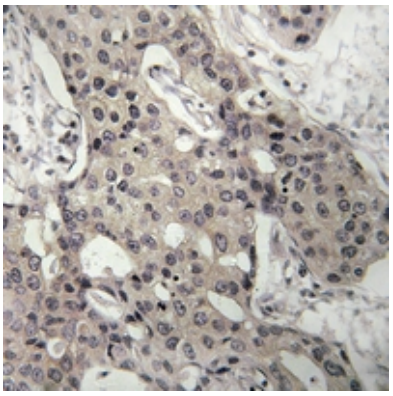
References

Leffers H.,et al.Submitted (JUN-1993) to the EMBL/GenBank/DDBJ databases.
Shichijo S.,et al.Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham I.,et al.Nature 402:489-495(1999).

Images



Western blot analysis of RPL3 expression in mouse pancreas (A) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 46 kD)



Immunohistochemical analysis of RPL3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.